

DERWENT-ACC-NO: 2005-020968**DERWENT-WEEK:** 200681*COPYRIGHT 2008 DERWENT INFORMATION LTD*

TITLE: Internet streaming media alliance media stream transmitter produces ISMA stream embedded with intellectual property management and protection tool stream descriptor with IPMP tool, ISMA decryption tool, and key management system tool

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PRIORITY-DATA: 2003JP-131372 (May 9, 2003)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE |
|-------------------|-------------------|-----------------|
| WO 2004100442 A1 | November 18, 2004 | JA |
| JP 2004364268 A | December 24, 2004 | JA |
| EP 1626522 A1 | February 15, 2006 | EN |
| KR 2006018841 A | March 2, 2006 | KO |
| CN 1784854 A | June 7, 2006 | ZH |
| US 20060274895 A1 | December 7, 2006 | EN |

DESIGNATED-STATES:

| | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|
| AE | AG | AL | AM | AT | AU | AZ | BA | BB | BG | BR | BW |
| BY | BZ | CA | CH | CN | CO | CR | CU | CZ | DE | DK | DM |
| DZ | EC | EE | EG | ES | FI | GB | GD | GE | GH | GM | HR |
| HU | ID | IL | IN | IS | KE | KG | KP | KR | KZ | LC | LK |
| LR | LS | LT | LU | LV | MA | MD | MG | MK | MN | MW | MX |
| MZ | NA | NI | NO | NZ | OM | PG | PH | PL | PT | R | O |
| RU | SC | SD | SE | SG | SK | SL | SY | TJ | TM | TN | TR |
| TT | TZ | UA | UG | US | UZ | VC | VN | YU | ZA | ZM | ZW |
| AT | BE | BG | BW | CH | CY | CZ | DE | DK | EA | EE | ES |
| FI | FR | GB | GH | GM | GR | HU | IE | IT | KE | LS | LU |
| MC | MW | MZ | NA | NL | OA | PL | PT | RO | SD | SE | SI |
| SK | SL | SZ | TR | TZ | UG | ZM | ZW | AT | BE | BG | CH |
| CY | CZ | DE | DK | EE | ES | FI | FR | GB | GR | HU | IE |
| I | T | LI | LU | MC | NL | PL | PT | RO | SE | SI | SK |
| TR | | | | | | | | | | | |

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO | APPL-DATE |
|-----------------|------------------------|---------------------|---------------------|
| WO2004100442A1 | N/A | 2004WO- JP006288 | April 30, 2004 |
| JP2004364268A | N/A | 2004JP- 131620 | April 27, 2004 |
| CN 1784854A | N/A | 2004CN- 80012556 | April 30, 2004 |
| EP 1626522A1 | N/A | 2004EP- 730663 | April 30, 2004 |
| EP 1626522A1 | N/A | 2004WO- JP006288 | April 30, 2004 |
| KR2006018841A | N/A | 2004WO- JP006288 | April 30, 2004 |
| US20060274895A1 | N/A | 2004WO- JP006288 | April 30, 2004 |
| KR2006018841A | N/A | 2005KR- 721200 | November 8, 2005 |
| US20060274895A1 | Based on | 2006US- 555340 | May 25, 2006 |

INT-CL-CURRENT:

| TYPE | IPC DATE |
|-------------|--------------------|
| CIPP | H04L9/14 19900101 |
| CIPP | H04L9/14 20060101 |
| CIPP | H04L9/14 20060101 |
| CIPP | H04L9/30 20060101 |
| CIPP | H04N7/08 20060101 |
| CIPP | H04N7/16 20060101 |
| CIPP | H04N7/167 20060101 |
| CIPP | H04N7/26 20060101 |
| CIPS | H04L9/00 20060101 |
| CIPS | H04L9/36 20060101 |
| CIPS | H04N7/08 20060101 |
| CIPS | H04N7/081 20060101 |
| CIPS | H04N7/16 20060101 |
| CIPS | H04N7/24 19950101 |
| CIPS | H04N7/24 20060101 |
| CIPS | H04N7/24 20060101 |

ABSTRACTED-PUB-NO: WO 2004100442 A1

BASIC-ABSTRACT:

NOVELTY - The transmitter produces internet streaming media alliance (ISMA) media stream having ISMA header with payload and contents. An intellectual property management and protection (IPMP) tool stream descriptor with IPMP tool, ISMA decryption tool, and key management system (KMS) tool, for processing header contents, is embedded into media stream. The IPMP extended ISMA media stream is then)transmitted to receiver.

USE - For transmitting MPEG-4 intellectual property management and protection (IPMP) extended internet streaming media alliance (ISMA) media stream.

ADVANTAGE - Enables protecting the media stream with respect to the receiver.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the media stream with IPMP descriptor. (Drawing includes non-English language text).

tool identity (3.3,3.4)

unencrypted video stream (3.5)

encrypted video stream (3.6)

encrypted audio stream (3.7)

CHOSEN-DRAWING: Dwg.3/9

TITLE-TERMS: STREAM MEDIUM TRANSMIT PRODUCE EMBED
INTELLIGENCE PROPERTIES MANAGEMENT
PROTECT TOOL DESCRIBE DECRYPTER KEY
SYSTEM

DERWENT-CLASS: T01 W01 W02 W04

EPI-CODES: T01-N01A2G; T01-N01D1; W01-A05A; W02-F05A1;
W02-F07M; W04-P01A4;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: 2005-017830